#### DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

on which priority is claimed:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## IMMUNOSTIMULATORY NUCLEIC ACID MOLECULES

the specification of which is attached hereto unless the following is checked:

[x]	was filed on October 30, 1996, as United States Application No.08/738  (Include Series International Application No	,652 or PCT code) attorney docket No. if applicable).
I hereb specifi	by state that I have reviewed and understand the contents of the above cation, including the claims, as amended by any amendment referred to	identified above.
I ackno	owledge the duty to disclose information which is material to the examination in accordance with Title 37, Code of Federal Regulations, \$1.56.	ination of this
\$365(b) any PC1 listed	by claim foreign priority benefits under Title 35, United States Code, of any foreign application(s) for patent or inventor's certificate, of International application designating at least one country other that below and have also identified below any foreign application for pater cate or PCT International application having a filing date before that	r section 365(a) of the United States at or inventor's

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a),(b):

300(2,, (2,)				Claim	ed
				[[]	[ ]
(Number)	(Country-if	PCT, so indicate)	(DD/MM/YY Filed)	YES	ИО
				[1	[]
(Number)	(Country-if	PCT, so indicate)	(DD/MM/YY Filed)	YES	NO
				( )	[]
(Number)	(Country-if	PCT, so indicate)	(DD/MM/YY Filed)	YES	ИО

I hereby claim the benefit under Title 35, United States Code, \$119(e) of any United States provisional application(s) listed below:

(Application Number)	(filing date)	
(Application Number)	(filing date)	

which became available between the filing date of the prior application and the national or PCT International filing date of this application:

08/386,063	02/07/95	allowed
(Application No.)	(filing date)	(status-patented, pending, abandoned)
08/276,358	07/15/94	abandoned
(Application No.)	(filing date)	(status-patented, pending, abandoned)

PCT International Applications designating the United States:

	444 6 6 44 1	(PCT filing date) (status-patented, pending, abandoned)
(PCT Appl. No.)	(U.S. Ser. No.)	TOUT TILING GATELISTATUS-DATERIEG. DERGING. ADARGONEGI

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

n	17,528	Peter J. Gordon	35,164	Robert A. Skrivanek,	Tr.41.316
David Wolf	•				40,886
George L. Greenfield	17,756	Randy J. Pritzker	35,986	Robert M. Abrahamsen	•
Stanley Sacks	19,900	Richard F. Giunta	36,149	Ivan D. Zitkovsky	37,482
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Gary S. Engelson	35,128	Robert E. Rigby, Jr.	36,904	Alan W. Steele	P-45,128

Address all telephone calls to Helen C. Lockhart at telephone no. (617) 720-3500. Address all correspondence to:

Helen C. Lockhart c/o Wolf, Greenfield & Sacks, P.C., Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210-2211

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's signature Full name of sole or first inventor Arthur M. Krieg

Citizenship Residence (City and State, or City and Country for non-U.S. residence) 890 Park Place, Iowa City, Iowa 52319

Post Office Address same as above

IIS

Inventor's signature

Full name of sole or first inventor Joel Kline
Citizenship US
Residence (City and State, or City and Country for non-U.S. residence)

552 Linder Road, N.E., Iowa City, Iowa 52242
Post Office Address same as above

Inventor's signature

Full name of sole or first inventor Dennis Klinman

Citizenship US

Residence (City and State, or City and Country for non-U.S. residence)

2 Candelelight Court, Potomac, MD 20854

Post Office Address same as above

Inventor's signature

Full name of sole or first inventor Alfred Steinberg

Citizenship US

Residence (City and State, or City and Country for non-U.S. residence)

8814 Bells Mill Road, Potomac, MD 20854

Post Office Address same as above

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## IMMUNOSTIMULATORY NUCLEIC ACID MOLECULES

the specification of which is attached hereto unless the following is checked:

(x)	was file	d on October	30, 1996, a	s United S	States	Application No.08/738 (Include Series	code	
	Internat	ional Applic		amended o	n	, bearing	attorney docket (if applicable).	NO.
I herek	by state	that I have I	reviewed and e claims, as	understan	d the	contents of the above amendment referred to	identified above.	

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, \$119(a)-(d) or \$365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and Priority 365(a),(b):

		Claime	ea
		[ ]	[ ]
(Country-if PCT, so indicat	e) (DD/MM/YY Filed)	YES	ИО
		[1	[]
(Country-if PCT, so indicat	te) (DD/MM/YY Filed)	YES	ио
·		[]	[ ]
(Country-if PCT, so indicat	te) (DD/MM/YY Filed)	YES	NO
	(Country-if PCT, so indicat	(Country-if PCT, so indicate) (DD/MM/YY Filed)	(Country-if PCT, so indicate) (DD/MM/YY Filed) YES  (Country-if PCT, so indicate) (DD/MM/YY Filed) YES  [ ]

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(Application Number)	(filing date)
(Application Number)	(filing date)

which became available between the filing date of the prior application and the national or PCT International filing date of this application:

08/386,063 02/07/95 allowed

(Application No.) (filing date) (status-patented, pending, abandoned)

08/276,358 07/15/94 abandoned

(Application No.) (filing date) (status-patented, pending, abandoned)

PCT International Applications designating the United States:

(PCT Appl. No.) (U.S. Ser. No.) (PCT filing date) (status-patented, pending, abandoned)

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David Wolf	17,528	Peter J. Gordon	35,164	Robert A. Skrivanek,	
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Peter C. Lando		Robert E. Rigby, Jr.	36,904	Alan W. Steele	P-45,128
Gary S. Engelson	35,128	KODELC E. KIGDY, OL.	30,303		

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Inventor's signature Date

Full name of sole or first inventor Arthur M. Krieg Citizenship US Cesidence (City and State, or City and Country for non-U.S. residence

Residence (City and State, or City and Country for non-U.S. residence) 890 Park Place, Iowa City, Iowa 52319

Inventor's signature

Full name of sole or first inventor Citizenship US Joel Kline

Residence (City and State, or City and Country for non-U.S. residence)
552 Linder Road, N.E., Iowa City, Iowa 52242

Post Office Address same as above

Date Inventor's signature Full name of sole or first inventor Dennis Klinman

US Citizenship

Residence (City and State, or City and Country for non-U.S. residence) 2 Candelelight Court, Potomac, MD 20854

Post Office Address same as above

Date Inventor's signature Full name of sole or first inventor Alfred Steinberg

Citizenship US Residence (City and State, or City and Country for non-U.S. residence) 8814 Bells Mill Road, Potomac, MD 20854

1

#### DECLARATION FOR PATENT APPLICATION

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#### IMMUNOSTIMULATORY NUCLEIC ACID MOLECULES

the specification of which is attached hereto unless the following is checked:

(x)	was filed on	October 30, 1996, as United	States Application	on No.08/738,65 (Include Series Cod	2 or PCT
	International	Application No.		, bearing at	torney docket No
		, and was amended	on	(if	applicable).
I here specif	by state that fication, inclu	I have reviewed and understading the claims, as amended	and the contents o by any amendment	f the above ide referred to abo	entified ove.
		ty to disclose information w dance with Title 37, Code of			tion of this
T here	aby claim forei	gn priority benefits under 1	Title 35. United S	tates Code, \$1	19(a)-(d) or
\$365 (1	o) of any foreign	n application(s) for patent	or inventor's cer	ctificate, or s	ection 365(a) of
anv Po	T Internationa	1 application designating at	t least one countr	y other than th	he United States
liste	i below and hav	e also identified below any	foreign applicati	on for patent of	or inventor's f the application
on wh	ich priority is	nternational application has claimed:	ring a filling date	belore that o	r the application
Prior	Foreign PCT In	ternational Application(s)ar	nd any priority cl	aims under 35	U.S.C. §§119 and
	),(b):		•	Prio	rity ·
				Clair	med [ ]
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(dmb/r)	er)	(Country-II PCI, SO INGICA	.ce) (bb/mm/li ri	160, 120	
				[ ]	[ ]
(Numb	er)	(Country-if PCT, so indica	te) (DD/MM/YY Fi	led) YES	ИО
				[ ]	[ ]
(Numb		(Country-if PCT, so indica	ate) (DD/MM/YY Fi		ИО
(Mullion)	eri	(country-it FCI, so indice	(66) (66)(11)	100,	
I her provi	eby claim the b sional applicat	penefit under Title 35, Unit tion(s) listed below:	ed States Code, \$3	l19(e) of any U	nited States
		(Application Number)	(filing date	)	
		(Application Number)	(filing date	:)	
				120 of any Unit	end States

which became available between the filing date of the prior application and the national or PCT International filing date of this application:

08/386,06302/07/95allowed(Application No.)(filing date)(status-patented, pending, abandoned)08/276,35807/15/94abandoned(Application No.)(filing date)(status-patented, pending, abandoned)

PCT International Applications designating the United States:

(PCT Appl. No.) (U.S. Ser. No.) (PCT filing date) (status-patented, pending, abandoned)

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Inventor's signature

Full name of sole or first inventor Arthur M. Krieg

Citizenship US

Residence (City and State, or City and Country for non-U.S. residence) 890 Park Place, Iowa City, Iowa 52319

Inventor's signature

Date

Full name of sole or first inventor Joel Kline

Citizenship US

Residence (City and State, or City and Country for non-U.S. residence)

552 Linder Road, N.E., Iowa City, Iowa 52242

Post Office Address same as above

Inventor's signature

3/11/200

Full name of sole or first inventor Dennis Klinman

Citizenship US

Residence (City and State, or City and Country for non-U.S. residence)

2 Candelelight Court, Potomac, MD 20854

Post Office Address same as above

Inventor's signature

Date

Full name of sole or first inventor Alfred Steinberg

Citizenship US

Residence (City and State, or City and Country for non-U.S. residence)

8814 Bells Mill Road, Potomac, MD 20854

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# IMMUNOSTIMULATORY NUCLEIC ACID MOLECULES

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the sp		Willell Is accadined neroto and		
[x]		October 30, 1996, as United St Application No, and was amended on	, bea	3/738,652 or PCT Series Code) aring attorney docket No. (if applicable).
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\$365( any P liste certi	b) of any foreig CT Internationa	gn priority benefits under Tit n application(s) for patent o l application designating at l e also identified below any fo nternational application havin claimed:	r inventor's certificate least one country other preign application for	than the United States patent or inventor's
	Foreign PCT In ),(b):	ternational Application(s) and		Claimed
(Numb	er)	(Country-if PCT,so indicate	) (DD/MM/YY Filed)	YES NO
(Numb	per)	(Country-if PCT, so indicate	e) (DD/MM/YY Filed)	YES NO
(Numb	per)	(Country-if PCT, so indicate	e) (DD/MM/YY Filed)	YES NO
I her	reby claim the b isional applicat	penefit under Title 35, United tion(s) listed below:	States Code, \$119(e)	of any United States
		(Application Number)	(filing date)	
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·				a i a a chaireannle 1	- 41 316
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Citizenship US
Residence (City and State, or City and Country for non-U.S. residence)
890 Park Place, Iowa City, Iowa 52319
Post Office Address same as above

433171.1

Date Inventor's signature Full name of sole or first inventor Joel Kline US Citizenship Residence (City and State, or City and Country for non-U.S. residence) 552 Linder Road, N.E., Iowa City, Iowa 52242 Post Office Address same as above

Inventor's signature

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ŲS Citizenship

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Inventor's signature

Full name of sole or first inventor Alired D. Steinberg

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